

Title (en)

SEPARATOR ARRANGEMENT FOR GAS/LIQUID SEPARATION; APPARATUS; AND, METHODS

Title (de)

SEPARATORANORDNUNG FÜR DIE GAS/FLÜSSIGKEIT-TRENNUNG; VORRICHTUNG UND VERFAHREN

Title (fr)

DISPOSITIF SEPARATEUR PERMETTANT DE SEPARER LES GAZ ET LES LIQUIDES ET PROCEDES CORRESPONDANTS

Publication

EP 1694424 B1 20130612 (EN)

Application

EP 04819155 A 20041116

Priority

- US 2004038369 W 20041116
- US 52090603 P 20031117

Abstract (en)

[origin: WO2005049177A1] A serviceable gas/liquid separator (300) is provided. The gas/liquid separator has a cross-section with one long axis and one short axis, with an aspect ratio of at least 1.3. A preferred cross-section, is an elliptical cross-section. Assemblies in which the separator unit can be used, are provided. In addition methods of use and construction are provided.

IPC 8 full level

B01D 45/04 (2006.01); **B01D 46/00** (2006.01); **B01D 46/24** (2006.01); **B01D 50/00** (2006.01)

CPC (source: EP US)

B01D 45/04 (2013.01 - EP US); **B01D 46/2414** (2013.01 - EP US); **B01D 46/58** (2022.01 - EP US); **B01D 50/20** (2022.01 - EP US); **B01D 2201/296** (2013.01 - EP US); **B01D 2265/05** (2013.01 - EP US); **B01D 2275/208** (2013.01 - EP US); **Y10S 55/17** (2013.01 - EP US)

Citation (examination)

- US 2003051450 A1 20030320 - LINNERTSTEN STAFFAN B [US], et al
- US 6419721 B1 20020716 - HUNTER ALEX GEORGE [GB]
- WO 0238247 A1 20020516 - BEKO TECHNOLOGIES GMBH [DE], et al

Cited by

EP3015153A1; DE102015013960A1; DE202015010017U1

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 2005049177 A1 20050602; CN 100484608 C 20090506; CN 101513582 A 20090826; CN 101513582 B 20141203; CN 1882379 A 20061220; EP 1694424 A1 20060830; EP 1694424 B1 20130612; JP 2007511355 A 20070510; JP 4852422 B2 20120111; US 2005120687 A1 20050609; US 2009049812 A1 20090226; US 2012240767 A1 20120927; US 7332009 B2 20080219; US 8182569 B2 20120522; US 8394164 B2 20130312

DOCDB simple family (application)

US 2004038369 W 20041116; CN 200480033882 A 20041116; CN 200910118962 A 20041116; EP 04819155 A 20041116; JP 2006539999 A 20041116; US 201213452069 A 20120420; US 57945504 A 20041116; US 99091904 A 20041116